

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,462,978 B1  
APPLICATION NO. : 10/088464  
DATED : December 9, 2008  
INVENTOR(S) : James W. Schmitkons et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 3, line 55, change “microwave” to --ultraviolet--.

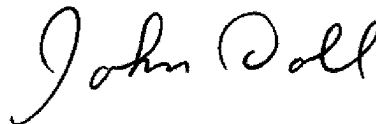
In column 6, line 63, change “.” to --,--.

In column 7, Claim 1, line 63, change “:” to --;--.

In column 8, Claim 8, line 39, change “longitudinally” to --longitudinal--.

Signed and Sealed this

Fourth Day of August, 2009

A handwritten signature in black ink that reads "John Doll". The signature is written in a cursive, flowing style.

JOHN DOLL  
*Acting Director of the United States Patent and Trademark Office*